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**<Seno>**

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**<Senozza>**  
**<Iteration/ Master> Test Plan**

**Version <2.0>**

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## Revision History

Date	Version	Description	Author
03/01/2023	1.0	Draft version	Seno Team
07/01/2023	2.0	Final version for submitting the personal assignment 05	Seno Team

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## <Iteration/ Master> Test Plan

### 1. Introduction

#### 1.1 Purpose

This document is to describe the test plan for our learning management system web. Team members can use this document to keep track of the plan when doing testing and people outside of this project can use this document to get some information about the progress of testing in our project.

### 2. Target Test Items

The target test items are thoroughly described in the Test Cases documents. Here, we mention the main features to be tested:

- Login/Sign up
- Forgot password
- Create a class and add students to class
- Create announcements and questions
- Post answer for a question
- Filter questions by category
- Sort answers by votes
- Notification

### 3. Environmental Needs

#### 3.1 Hardware Requirements

Testing will be performed on the following machines:

- A desktop with 10th Generation Intel CPU running Windows 11
- An M1 Macbook Pro running macOS Ventura

#### 3.2 Software in the Test Environment

The following base software elements are required in the test environment for this *Test Plan*.

Software Name	Purpose	Version	Type and Other Notes
Mozilla Firefox	For testing web app	108.0.2	Internet Browser
Google Chrome	For testing web app	108.0.5359.172	Internet Browser
Cốc Cốc	For testing web app	113.0.132	Internet Browser
Opera	For testing web app	94.0.4606.54	Internet Browser
Microsoft Edge	For testing web app	108.0.1462.76	Internet Browser
Safari	For testing web app	16.2	Internet Browser

#### 3.3 Productivity and Support Tools

The following tools will be employed to support the test process for this *Test Plan*.

Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Defect Tracking/Testing Tasks Management	Trello	Atlassian	2022
Testing documentation	Google	Google LLC	2022
Meeting software	Zoom	Zoom video communications	2022

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Tool Category or Type	Tool Brand Name	Vendor or In-house	Version
Automated testing	Katalon Studio	Katalon, Inc	8.2.0
API testing	Postman	Postman	9.2.0

## 4. Responsibilities, Staffing, and Training Needs

### 4.1 People and Roles

This table shows the staffing assumptions for the test effort.

Human Resources		
Role	Minimum Resources Recommended (number of full-time roles allocated)	Specific Responsibilities or Comments
Test Manager	Lê Bảo Hiệp Nguyễn Vũ Đăng Khoa	Provides management oversight. Responsibilities include: <ul style="list-style-type: none"> <li>• planning and logistics</li> <li>• agree mission</li> <li>• identify motivators</li> <li>• acquire appropriate resources</li> <li>• present management reporting</li> <li>• advocate the interests of test</li> <li>• evaluate effectiveness of test effort</li> </ul>
Tester	Phan Minh Duy Nguyễn Quang Long Lê Minh Huân	Implements and executes the tests. Responsibilities include: <ul style="list-style-type: none"> <li>• implement tests and test suites</li> <li>• execute test suites</li> <li>• log results</li> <li>• analyze and recover from test failures</li> <li>• document incidents</li> </ul>